SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
2	R	Alamitos Creek	20540041	Mercury TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Mine Tailings	7.1 Miles d Management Initiative. Addition	2006 nal monitoring and
2	L	Anderson Reservoir	20530050	Mercury		1013 Acres	2019
				PCBs (Polychlorinated bipheny	Source Unknown Source Unknown	1013 Acres	2019
2	С	Aquatic Park Beach	20340010	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	0.18 Miles	2019
2	L	Bon Tempe Reservoir	20113020	Mercury	Source Unknown	120 Acres	2019
2	R	Butano Creek	20240031	Sedimentation/Siltation Impairment to steelhead habita		3.6 Miles	2019
2	L	Calero Reservoir	20540031	Mercury TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Surface Mining Mine Tailings	334 Acres d Management Initiative. Additio	2006 nal monitoring and
2	С	Candlestick Point	20440011	Indicator bacteria This listing was made by USEF Windsurfer Circle, and Sunnya	PA for 2006. This listing includes the lale Cove. Source Unknown	1.6 Miles area of Candlestick Point at Jack	2019 rabbit Beach,

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						USEI A AIT KU	VAL DA	TE: JUNE 26, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATE SIZE AFFECT	_	ROPOSED TMDL COMPLETION
2	Е	Carquinez Strait	20710020					
_	_	our quinez strait	_0,100_0	Chlordane		5657 Ac	cres	2008
				This listing was made by USA	EPA.			
					Nonpoint Source			
				DDT		5657 Ac	cres	2008
					Nonpoint Source			
				Dieldrin		5657 Ac	cres	2008
				This listing was made by USA				
					Nonpoint Source			
				Dioxin Compounds (including		5657 Ac		2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7, DD, and OCDD. This listing was made by U		HxCDD, I	1,2,3,7,8,9-
				11xCDD, 1,2,3,4,0,7,6-11pCD	Atmospheric Deposition	SEFA.		
				Exotic Species		5657 Ac	cres	2019
				•	nge pollutant availability in food chain; di			
				•	Ballast Water		•	•
				Furan Compounds		5657 Ac	cres	2019
					2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8- 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF,			
					Atmospheric Deposition			
				Mercury		5657 Ac	cres	2006
					nsumption and wildlife consumption impac mining; most significant ongoing source is from point sources.	*		
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs (Polychlorinated bipher	•	5657 Ac	cres	2006
				· •	n-like PCBs.Interim health advisory for fish	; uncertainty regarding	water co	lumn

Unknown Nonpoint Source

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION 7	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	_ 			PCBs (Polychlorinated bipheny	ls) (dioxin-like)	5657 Acres	2019
				(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (18) Unknown Nonpoint Source	2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Selenium	** **	5657 Acres	2019
				Affected use is one branch of the contributions from oil refinerie species may have made food cl	he food chain; most sensitive indicator is ho es (control program in place) and agricultu hain more susceptible to accumulation of se ucks); low TMDL priority because Individud	atchability in nesting diving re (carried downstream by r elenium; health consumption	birds, significant rivers); exotic 1 advisory in effect
					Industrial Point Sources		
					Agriculture		
2	E	Castro Cove, Richmond (San Pablo Basin)	20660014				
				Dieldrin (sediment)	TIL D PRICE C	71 Acres	2008
					Urban Runoff/Storm Sewers		
				Mercury (sediment)	Point Source	71 Acres	2006
				indicaty (scalificati)	Urban Runoff/Storm Sewers	/I Actes	2000
					Point Source		
				PAHs (Polycyclic Aromatic Hy		71 Acres	2019
					Urban Runoff/Storm Sewers		
					Point Source		
				Selenium (sediment)		71 Acres	2019
					Urban Runoff/Storm Sewers		
					Point Source		
2	В	Central Basin, San Francisco (part of SF Bay, Central)	20440010				
				Chlordane		40 Acres	2008
				This listing was made by USEI	PA. Nonpoint Source		
				DDT	Nonpoint Source	40 Acres	2008
				This listing was made by USEF	PA.	40 110103	2000
				,	Nonpoint Source		
				Dieldrin		40 Acres	2019
				This listing was made by USEI			
					Nonpoint Source		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

					USEPA APPROVAL I	DATE: JUNE 28, 200
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	40 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 DD, and OCDD. This listing was made		0, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		40 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chai Ballast Water	n; disrupt food availability to nativ	e species.
			Furan Compounds		40 Acres	2019
			The specific compounds are	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
				Atmospheric Deposition		
			Mercury		40 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption in uding striped bass and shark. Major so cant ongoing source is erosion and dra	ource is historic: gold mining sedi	ments and local
				Industrial Point Sources		
				Minor Industrial Point Source		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		40 Acres	2006
				Urban Runoff/Storm Sewers		
				Point Source		
			PAHs (Polycyclic Aromatic H	(sediment)	40 Acres	2019
				Urban Runoff/Storm Sewers		
				Point Source		
			PCBs (Polychlorinated bipher	nyls)	40 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory fo	r fish; uncertainty regarding water	column
				Unknown Nonpoint Source		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated bipheny	ls) (dioxin-like)	40 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3-TC 3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC	(118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		40 Acres	2019
			contributions from oil refinerie species may have made food ch	ne food chain; most sensitive indicato s (control program in place) and agn nain more susceptible to accumulatio ucks); low TMDL priority because Ind	riculture (carried downstream by n n of selenium; health consumption	rivers); exotic a advisory in effect
			J	Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
2 C	Chicken Ranch Beach	20114033				
			Indicator bacteria		0.17 Miles	2008
			This listing was made by USEP	v		
				Source Unknown		
2 C	China Camp Beach	20610010				
			Indicator bacteria	24.0	0.08 Miles	2019
			This listing was made by USEP	A for 2006. Source Unknown		
				Source Chanown		
2 C	Crissy Field Beach	20340010	T., 3: 4 1 4 2 -		0.0 1/1	2019
			Indicator bacteria This listing was made by USEP	PA for 2006. This listing includes the	0.8 Miles	
			This tisting was made by USET	Source Unknown	t cast and west areas of crissy I to	
2 L	Del Valle Reservoir	20430024				
2 L	Dei valle Reservoir	20430024	Mercury		1022 Acres	2019
			<i>y</i>			
				Source Unknown		
			PCBs (Polychlorinated bipheny	rls)	1022 Acres	2019
				Source Unknown		
2 C	Golden Hinde Beach	20114033				
			Indicator bacteria	24.6 2006	0.11 Miles	2008
			This listing was made by USEP	PA for 2006. Source Unknown		
				Source Chanowii		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
2	R	Guadalupe Creek	20540050				
				Mercury		8.1 Miles	2006
				TMDL will be developed as passessment is needed.	part of the Santa Clara Basin Watershed M	Aanagement Initiative. Addition	nal monitoring and
					Mine Tailings		
2	L	Guadalupe Reservoir	20540040				
				Mercury TMDL will be developed as passessment is needed.	part of the Santa Clara Basin Watershed M	63 Acres Anagement Initiative. Addition	2006 nal monitoring and
				assessment is needed.	Surface Mining		
					Mine Tailings		
2	R	Guadalupe River	20540050				
		-		Mercury		18 Miles	2006
				TMDL will be developed as passessment is needed.	part of the Santa Clara Basin Watershed M	Aanagement Initiative. Addition	nal monitoring and
					Mine Tailings		
2	C	Hearts Desire Beach	20114033				
				Indicator bacteria	ED4.6. 2006	0.38 Miles	2008
				This listing was made by US.	EPA for 2006. Source Unknown		
					Source Challown		
2	E	Islais Creek	20440010	Ammonia		46 Acres	2019
						10 120105	
					Industrial Point Sources		
					Combined Sewer Overflow		
				Chlordane (sediment)		46 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Dieldrin (sediment)		46 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Hydrogen Sulfide		46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Page 6 of 21			

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REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	46 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			Sediment Toxicity		46 Acres	2019
				Source Unknown		
2 L	Lafayette Reservoir	20732010				
			Mercury		114 Acres	2019
				Source Unknown		
			PCBs (Polychlorinated bipher	nyls)	114 Acres	2019
				Source Unknown		
2 R	Lagunitas Creek	20113020			45.350	****
			Nutrients Tributary to Tomales Bay. T	MDLs will be developed as part of evolving	17 Miles watershed management effort	2019 rt. Additional
			monitoring and assessment n	eeded. Agriculture		
				Urban Runoff/Storm Sewers		
			Sedimentation/Siltation		17 Miles	2009
			Tributary to Tomales Bay. Tomonitoring and assessment n	MDLs will be developed as part of evolving eeded.	watershed management effor	rt. Additional
				Agriculture		
				Urban Runoff/Storm Sewers		
2 L	Lake Chabot (Alameda Co)	20420030	Chlandana		312 Acres	2019
			Chlordane		312 Acres	2019
				Source Unknown		
			DDT		312 Acres	2019
				Source Unknown		
			Dieldrin		312 Acres	2019
				Source Unknown		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mercury		312 Acres	2019
				PCBs (Polychlorinated bipheny	Source Unknown ls)	312 Acres	2019
					Source Unknown		
2	L	Lake Herman	20721030	Mercury Additional monitoring and asse	essment needed. Problem due to historical minin Surface Mining	108 Acres	2019
2	L	Lake Merced	20210010	Low Dissolved Oxygen This listing was made by USEP		299 Acres	2019
				pH This listing was made by USEP	Source Unknown A. Source Unknown	299 Acres	2019
2	L	Lake Merritt	20420040	Organic Enrichment/Low Disso This listing was made by USEP		142 Acres	2019
				Trash	Urban Runoff/Storm Sewers	142 Acres	2019
2	С	Lawsons Landing	20112030	Indicator bacteria This listing was made by USEP	A for 2006. Source Unknown	3.2 Miles	2008
2	E	Marina Lagoon (San Mateo County)	20440040	Coliform Bacteria	Urban Runoff/Storm Sewers Nonpoint Source	169 Acres	2019
2	С	McNears Beach	20610010	Indicator bacteria This listing was made by USEP	A for 2006. Source Unknown	0.18 Miles	2019

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYP	E NAMI	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			TOLLETIN(T/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
2 C	Millerton Poin	20112032	Indicator bacteria		0.25 Miles	2008
			This listing was made by US.	FPA for 2006	0.23 Willes	2008
			This tisting was made by Oss	Source Unknown		
2 E	Mississ Caral	20440010				
2 E	Mission Creek	20440010	Ammonia		8.5 Acres	2019
				Industrial Point Sources	0.0 110105	2019
				Combined Sewer Overflow		
			Chlordane (sediment)	Combined Sewer Overnow	8.5 Acres	2008
			emoratic (scament)	Industrial Point Sources	0.5 Acres	2000
				Combined Sewer Overflow		
			Dieldrin (sediment)	Combined Sewer Overflow	8.5 Acres	2008
			Dieidi in (sediment)	Industrial Daint Commen	6.5 Acres	2000
				Industrial Point Sources		
			TT 1 C 10° 1	Combined Sewer Overflow	9.7° A	2010
			Hydrogen Sulfide		8.5 Acres	2019
				Industrial Point Sources		
			.	Combined Sewer Overflow	0.7	2010
			Lead (sediment)		8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			Mercury (sediment)		8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			PAHs (Polycyclic Aromatic H	(Iydrocarbons)	8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			PCBs (Polychlorinated biphe	nyls) (sediment)	8.5 Acres	2006
				Industrial Point Sources		
				Combined Sewer Overflow		
			Silver (sediment)		8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Zinc (sediment)		8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
2 R	Napa River	20650010				
			Nutrients		65 Miles	2008
			TMDL will be developed as poneeded.	art of ongoing watershed management effort.	Additional monitoring an	d assessment
				Agriculture		
			Pathogens		65 Miles	2006
			TMDL will be developed as peneded.	art of ongoing watershed management effort.	Additional monitoring an	d assessment
				Agriculture		
				Urban Runoff/Storm Sewers		
			Sedimentation/Siltation		65 Miles	2006
			TMDL will be developed as peneded.	art of ongoing watershed management effort.	Additional monitoring an	d assessment
				Agriculture		
				Construction/Land Development		
				Land Development		
				Urban Runoff/Storm Sewers		
2 L	Nicasio Reservoir	20113012				
			Mercury		829 Acres	2019
				Source Unknown		
2 B	Oakland Inner Harbor (Fruitvale Site, part	20420040				
2 5	of SF Bay, Central)	20420040				
			Chlordane		0.93 Acres	2008
			This listing was made by USE			
				Nonpoint Source		
			Chlordane (sediment)		0.93 Acres	2008
				Source Unknown		
			DDT	Source Similoria	0.93 Acres	2008
			This listing was made by USE	PA.	0.75 Acres	2000
				Nonpoint Source		

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					USEPA APPROVAL	DATE: JUNE 28, 200
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Dieldrin		0.93 Acres	2008
			This listing was made by USE	PA.		
				Nonpoint Source		
			Dioxin Compounds (including	2,3,7,8-TCDD)	0.93 Acres	2019
				D, and OCDD. This listing was mad	2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCD de by USEPA.	D, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		0.93 Acres	2019
			Disrupt natural benthos; chan	nge pollutant availability in food ch Ballast Water	ain; disrupt food availability to nati	ve species.
			Furan Compounds		0.93 Acres	2019
					3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, ,2,3,4,7,8,9-HpCDF, and OCDF. Th	
				Atmospheric Deposition		
			Mercury		0.93 Acres	2006
			for multiple fish species includ	ding striped bass and shark. Major	impacted uses: health consumption source is historic: gold mining sedi drainage from abandoned mines; mo	ments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	yls)	0.93 Acres	2006
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory	for fish; uncertainty regarding wate	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	0.93 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeC	-TCB (77), 3,3,4,4,5-PeCB (126), 3,, CB (118), 2,3,4,4,5-PeCB (123), 2,3, IpCB (189). This listing was made b	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (sediment)	0.93 Acres	2006
			This listing covers non dioxin-	-like PCBs. Interim health advisory	y for fish; uncertainty regarding wat	er

Source Unknown

columnconcentration data.

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION T	CVDE	NAME	CALWATER	POLLUTANT/STRESSOR	POTENTIAL	ESTIMA'		PROPOSED TMDL
REGION I	IYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFE	CTED	COMPLETION
				Sediment Toxicity		0.93	Acres	2019
					Source Unknown			
				Selenium			Acres	2019
				significantcontributions from e exotic speciesmay have made j	the food chain; most sensitive indicator is hatch oil refineries (control program in place) and ag food chain more susceptible to accumulation of ving ducks); low TMDL priority because Individa Industrial Point Sources	riculture (carri selenium; heali	ed down: th consur	stream by rivers); nption advisory in
					Agriculture Natural Sources			
					Exotic Species			
					Exour Species			
2	В	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	20420040					
				Chlordane		1.8	Acres	2008
				This listing was made by USE.				
					Nonpoint Source			
				Chlordane (sediment)		1.8	Acres	2008
					Source Unknown			
				Copper (sediment)		1.8	Acres	2019
					Source Unknown			
				DDT		1.8	Acres	2008
				This listing was made by USE.				
					Nonpoint Source			
				Dieldrin	D.	1.8	Acres	2008
				This listing was made by USE.	PA. Nonpoint Source			
				Dieldrin (sediment)	Nonpoint Source	1 0	Acres	2008
				Dielai iii (seaiment)	G II I	1.0	Acres	2008
				D'- '- C 1- ('- 1- 1'	Source Unknown	4.0	.	2010
				Dioxin Compounds (including	2,3,7,8-TCDD) ,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxC		Acres	2019
					D, and OCDD. This listing was made by USEPA		o-nxCDI	D, 1,4,5,7,0, 9 -
					Atmospheric Deposition			
				Exotic Species		1.8	Acres	2019
				Disrupt natural benthos; chan	ge pollutant availability in food chain; disrupt j	food availabilit	y to nativ	ve species.

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					USEPA APPR	OVAL .	DATE: JUNE 28, 200'
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
			Furan Compounds		1.8	Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2			
			,	Atmospheric Deposition			
			Lead (sediment)		1.8	Acres	2019
				Source Unknown			
			Mercury		1.8	Acres	2006
			for multiple fish species incl	onsumption and wildlife consumption i uding striped bass and shark. Major s icant ongoing source is erosion and dr	ource is historic: gold min	ing sedi	ments and local
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Mercury (sediment)		1.8	Acres	2006
				Source Unknown			
			PAHs (Polycyclic Aromatic I	Iydrocarbons) (sediment)	1.8	Acres	2019
				Source Unknown			
			PCBs (Polychlorinated biphe	nyls)	1.8	Acres	2006
			This listing covers non dioxi concentration data.	n-like PCBs.Interim health advisory fo	or fish; uncertainty regardir	ıg water	column
				Unknown Nonpoint Source			
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	1.8	Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	oounds are 3,4,4,5-TCB (81), 3,3,3,3-1 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	3 (118), 2,3,4,4,5-PeCB (12	3), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source			
			PCBs (Polychlorinated biphe	nyls) (sediment)	1.8	Acres	2006
				Source Unknown			

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				contributions from oil refineri species may have made food c	he food chain; most sensitive indicator is hai es (control program in place) and agricultur hain more susceptible to accumulation of sel ucks); low TMDL priority because Individua. Industrial Point Sources Agriculture Natural Sources	e (carried downstream by r enium; health consumption	ivers); exotic advisory in effect
				Zinc (sediment)	Exotic Species Source Unknown	1.8 Acres	2019
2	С	Pacific Ocean at Baker Beach	20340010	Indicator bacteria This listing was made by USE. Cove NW and NE.	PA for 2006. This listing includes the area of Source Unknown	0.45 Miles of Baker Beach at Lobos Cr	2019 reek, Horseshoe
2	С	Pacific Ocean at Bolinas Beach	20130011	Indicator bacteria This listing was made by USE.	PA for 2006. Source Unknown	0.39 Miles	2019
2	С	Pacific Ocean at Fitzgerald Marine Reserve	20221012	Coliform Bacteria	Nonpoint Source	0.46 Miles	2019
2	С	Pacific Ocean at Muir Beach	20130013	Indicator bacteria This listing was made by USE.	PA for 2006. Source Unknown	0.2 Miles	2019
2	C	Pacific Ocean at Pacifica State/Linda Mar Beach	20221011	Coliform Bacteria Linda Mar and San Pedro bea	uches are the areas affected. Urban Runoff/Storm Sewers Nonpoint Source	0.87 Miles	2019

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	TVPF	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				TOLLUTANI/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
2	С	Pacific Ocean at Pillar Point	20221012	Mercury		0.62 Miles	2019
					Source Unknown		
2	С	Pacific Ocean at Pillar Point Beach	20221012				
-	Č	Tuente occum ut i mur i ome Beuen	20221012	Coliform Bacteria		1.1 Miles	2019
					Nonpoint Source		
2	C	Pacific Ocean at Rockaway Beach	20221011				
				Coliform Bacteria		0.29 Miles	2019
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
2	C	Pacific Ocean at Venice Beach	20222011				
				Coliform Bacteria		0.38 Miles	2019
					Nonpoint Source		
2	R	Pescadero Creek	20240013				
				Sedimentation/Siltation		26 Miles	2019
				0 0 1	Fish and Game and the National Marine Fis l, the State Water Board supports removing	0 0	2 0
					Nonpoint Source		
2	R	Petaluma River	20630020				
				Diazinon		22 Miles	2005
				Data source: Abelli-Amen, P	etaluma Tree Planters, 1999. Urban Runoff/Storm Sewers		
				Nutrients	Orban Runoii/Storm Sewers	22 Miles	2019
				TMDL will be developed as p	part of ongoing watershed management effor		
				needed.	Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		22 Miles	2019
				TMDL will be developed as p needed.	oart of ongoing watershed management effor	rt. Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		22 Miles	2019
				Agriculture		
				Construction/Land Development		
				Urban Runoff/Storm Sewers		
2 R	Petaluma River (tidal portion)	20630040				
			Diazinon		1.1 Miles	2005
			Data source: Abelli-Amen, Pet			
				Urban Runoff/Storm Sewers		
			Nickel		1.1 Miles	2019
			sediment tissue levels.	c Rule dissolved criteria and National Toxic	Kule total criteria; elevate	ea water ana
				Municipal Point Sources		
				Urban Runoff/Storm Sewers		
				Atmospheric Deposition		
			Nutrients		1.1 Miles	2019
			TMDL will be developed as pa needed.	rt of ongoing watershed management effort.	Additional monitoring an	d assessment
				Agriculture		
				Construction/Land Development		
				Urban Runoff/Storm Sewers		
			Pathogens		1.1 Miles	2019
			TMDL will be developed as pa needed.	rt of ongoing watershed management effort.	Additional monitoring an	d assessment
				Agriculture		
				Construction/Land Development		
				Urban Runoff/Storm Sewers		
2 R	Pomponio Creek	20240020				
			Coliform Bacteria		7.1 Miles	2019
				Nonpoint Source		
2 B	Richardson Bay	20312010				
			Chlordane		2439 Acres	2008
			This listing was made by USEI			
				Nonpoint Source		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

					USEPA APPROVAL	DATE: JUNE 28, 20
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Coliform Bacteria		2439 Acres	2019
				arbor, is less than 10% of embayment boat areas; extensive local control pr	*	U .
				Urban Runoff/Storm Sewers		
				Septage Disposal		
				Boat Discharges/Vessel Wastes		
			DDT		2439 Acres	2008
			This listing was made by USE	PA.		
				Nonpoint Source		
			Dieldrin		2439 Acres	2008
			This listing was made by USE	PA.		
				Unknown Nonpoint Source		
			Dioxin Compounds (including 2		2439 Acres	2019
				3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 D, and OCDD. This listing was made		OD, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		2439 Acres	2019
			Disrupt natural benthos; chan	ge pollutant availability in food chain Ballast Water	n; disrupt food availability to nat	ive species.
			Furan Compounds		2439 Acres	2019
			1 0 1	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpC		
				Atmospheric Deposition		
			Mercury		2439 Acres	2006
			for multiple fish species includ	sumption and wildlife consumption in ling striped bass and shark. Major so ant ongoing source is erosion and dro	purce is historic: gold mining sed	liments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipheny	yls)	2439 Acres	2006

This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.

Unknown Nonpoint Source

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	2439 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (7 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (18 Unknown Nonpoint Source), 2,3,4,4,5-PeCB (123), 2,3,	3,4,4,5-HxCB (156),
				Chkhown Nonpoint Source		
2 E Sac	cramento San Joaquin Delta	20710010				
			Chlordane		41736 Acres	2008
			This listing was made by USE			
				Nonpoint Source	44=0<	****
			DDT	704	41736 Acres	2008
			This listing was made by USE			
			D:-14:-	Nonpoint Source	41772 A	2000
			Dieldrin This listing was made by USI	ZDA	41736 Acres	2008
			This listing was made by USE	Nonpoint Source		
			Dioxin Compounds (including	•	41736 Acres	2019
			The specific compounds are 2	2,3,7,8-TCDD) 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8 D, and OCDD. This listing was made by U.	8-HxCDD, 1,2,3,6,7,8-HxCD	
			, , , , , , , , , , , , , , , , , ,	Atmospheric Deposition		
			Exotic Species	-	41736 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; dis Ballast Water	rupt food availability to nati	ve species.
			Furan Compounds		41736 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-F 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF,		
				Atmospheric Deposition		
			Mercury		41736 Acres	2006
			2	nsumption and wildlife consumption impact mining; most significant ongoing source is from point sources.	•	0
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Nonpoint Source		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATI SIZE AFFEC		PROPOSED TMDL COMPLETION
			Nickel		41736 A	Acres	2019
			This listing was made by USI	EPA.			
				Source Unknown			
			PCBs (Polychlorinated bipher	nyls)	41736 A	Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory for fish	ı; uncertainty regarding	g water	column
				Unknown Nonpoint Source			
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	41736 A	Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (1	8), 2,3,4,4,5-PeCB (123	3), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source	,	•	
			Selenium		41736 A	Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator is its (control program in place) and agricul chain more susceptible to accumulation of ducks); low TMDL priority because Individuals.	ture (carried downstred selenium; health consu	am by ra imption	ivers); exotic advisory in effect
			•	Industrial Point Sources			
				Agriculture			
				Natural Sources			
				Exotic Species			
2 B	San Francisco Bay, Central	20312010					
			Chlordane		70992 A	Acres	2008
			This listing was made by USI				
				Nonpoint Source			
			DDT		70992 A	Acres	2008
			This listing was made by USI				
			Dieldrin	Nonpoint Source	70992 A		2000
			This listing was made by USI	EDA	70992 A	Acres	2008
			This listing was made by OSI	Nonpoint Source			
			Dioxin Compounds (including	•	70992 A	Acres	2019
			The specific compounds are	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7, D, and OCDD. This listing was made by U	,8-HxCDD, 1,2,3,6,7,8-		
			•	Atmospheric Deposition			
			Exotic Species		70992 A	Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; di Ballast Water	srupt food availability i	to nativ	e species.

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Furan Compounds		70992 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
				Atmospheric Deposition		
			Mercury		70992 Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption in uding striped bass and shark. Major so cant ongoing source is erosion and dra	urce is historic: gold mining sedir	ments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls)	70992 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory for	fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	70992 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TC 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC	(118), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		70992 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicatories (control program in place) and agr chain more susceptible to accumulation ducks); low TMDL priority because Ind	iculture (carried downstream by rand of selenium; health consumption	ivers); exotic advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
2 B Sar	ı Francisco Bay, Lower	20410010				
	V)		Chlordane		92274 Acres	2008

This listing was made by USEPA.

Nonpoint Source

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT		92274 Acres	2008
			This listing was made by US.	EPA.		
				Nonpoint Source		
			Dieldrin		92274 Acres	2008
			This listing was made by US.	EPA.		
				Nonpoint Source		
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	92274 Acres	2019
			1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxDD, and OCDD. This listing was made by USEP		D, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		92274 Acres	2019
			Disrupt natural benthos; cha	ange pollutant availability in food chain; disrupt	t food availability to nativ	ve species.
				Ballast Water		
			Furan Compounds		92274 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCl , 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
				Atmospheric Deposition		
			Mercury		92274 Acres	2006
			for multiple fish species incli mercury mining; most signifi	onsumption and wildlife consumption impacted u uding striped bass and shark. Major source is h icant ongoing source is erosion and drainage fro vater quality objective exceedances. Elevated se Industrial Point Sources	istoric: gold mining sedi om abandoned mines; mo	ments and local derate to low level
				Municipal Point Sources Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
			DCD (D.1.11.1.4.111.1.	Nonpoint Source	02274	2007
			PCBs (Polychlorinated biphe	• /	92274 Acres	2006
			concentration data.	in-like PCBs.Interim health advisory for fish; und	enumy regaraing water	Cotumn
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	enyls) (dioxin-like)	92274 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	pounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 2,2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). Unknown Nonpoint Source	3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						USEPA APPRO	OVAL I	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
2	В	San Francisco Bay, South	20510000					
		•		Chlordane		9204 A	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				DDT		9204 A	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				Dieldrin		9204 A	Acres	2008
				This listing was made by USE				
					Nonpoint Source			
				Dioxin Compounds (including		9204 A		2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-H D, and OCDD. This listing was made by USEI		-HxCDL), 1,2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		9204 A	Acres	2019
				Disrupt natural benthos; chan	nge pollutant availability in food chain; disrup Ballast Water	ot food availability	to nativ	e species.
				Furan Compounds		9204 A	Acres	2019
					2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeC, 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9			
					Atmospheric Deposition			
				Mercury		9204 A	Acres	2006
				for multiple fish species includ mercury mining; most signific	nsumption and wildlife consumption impacted a ding striped bass and shark. Major source is leant ongoing source is erosion and drainage from five quality objective exceedances. Elevated season Industrial Point Sources	historic: gold minii rom abandoned mii	ng sedim nes; mod	nents and local lerate to low level
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs (Polychlorinated biphen	yls)	9204 A	Acres	2006
					-like PCBs.Interim health advisory for fish; un	ncertainty regardin	g water	column

Unknown Nonpoint Source

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			(169), 2,3,3,4,4-PeCB (105), 2,	rls) (dioxin-like) unds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). Unknown Nonpoint Source	3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
			2	neen issued by OEHHA for benthic-feeding duc at water contact recreation beneficial use (RE		•
			noi juity met.	Agriculture Domestic Use of Ground Water		
2 R	San Francisquito Creek	20550040	Sedimentation/Siltation Impairment to steelhead habita	at. Nonpoint Source	12 Miles	2008
2 R	San Gregorio Creek	20230014	Coliform Bacteria	Nonpoint Source	11 Miles	2019
			Sedimentation/Siltation Impairment to steelhead habita		11 Miles	2019
2 B	San Leandro Bay (part of SF Bay, Central)	20420040	Chlordane This listing was made by USEF	^P A. Nonpoint Source	588 Acres	2008
			Dieldrin This listing was made by USEF	•	588 Acres	2008
			Dioxin Compounds (including 2	-	588 Acres	2019
			Exotic Species Disrupt natural benthos; change	ge pollutant availability in food chain; disrupt Ballast Water	588 Acres t food availability to nativ	2019 ve species.

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		588 Acres	2019
				3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-F		
				Atmospheric Deposition		
			Lead (sediment)		588 Acres	2019
				Source Unknown		
			Mercury		588 Acres	2006
			for multiple fish species includi	sumption and wildlife consumption impacted us ling striped bass and shark. Major source is his ant ongoing source is erosion and drainage fron	storic: gold mining sedi	iments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
			Maria (a.P. a.	Nonpoint Source	500 4	3007
			Mercury (sediment)		588 Acres	2006
				Source Unknown		
			PAHs (Polycyclic Aromatic Hyd	drocarbons) (sediment)	588 Acres	2019
				Source Unknown		
			Pesticides (sediment)		588 Acres	2019
				Source Unknown		
			Zinc (sediment)	•	588 Acres	2019
				Course University		
				Source Unknown		
2 B San	n Pablo Bay	20610010	Chlordane		68349 Acres	2008
			This listing was made by USEP	PA.	00347 AUTES	2000
			J	Nonpoint Source		
			DDT		68349 Acres	2008
			This listing was made by USEP			
				Nonpoint Source		

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Dieldrin		68349 Acres	2008
			This listing was made by USA	EPA.		
				Nonpoint Source		
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	68349 Acres	2019
			1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2, DD, and OCDD. This listing was made		DD, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		68349 Acres	2019
			Disrupt natural benthos; cha	inge pollutant availability in food cha Ballast Water	in; disrupt food availability to na	tive species.
			Furan Compounds		68349 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-Hp		
				Atmospheric Deposition		
			Mercury		68349 Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption i uding striped bass and shark. Major s cant ongoing source is erosion and dr	ource is historic: gold mining se	diments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		68349 Acres	2019
			This listing was made by US	EPA.		
				Source Unknown		
			PCBs (Polychlorinated biphe	nyls)	68349 Acres	2006
			This listing covers non dioxing concentration data.	n-like PCBs.Interim health advisory fo	or fish; uncertainty regarding wat	er column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	68349 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	oounds are 3,4,4,5-TCB (81), 3,3,3,3-1 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	3 (118), 2,3,4,4,5-PeCB (123), 2,3	3,3,4,4,5-HxCB (156),

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				contributions from oil refiner species may have made food	the food chain; most sensitive indicator is ies (control program in place) and agricultion of the chain more susceptible to accumulation of ducks); low TMDL priority because Individed Industrial Point Sources Agriculture Natural Sources Exotic Species	lture (carried downstream by researce) selenium; health consumption	ivers); exotic advisory in effect
2	L	San Pablo Reservoir	20660012	Chlordane		784 Acres	2019
				Dieldrin	Source Unknown	784 Acres	2019
				Heptachlor epoxide	Source Unknown	784 Acres	2019
				Mercury	Source Unknown	784 Acres	2019
				PCBs (Polychlorinated bipher	• /	784 Acres	2019
				Toxaphene	Source Unknown	784 Acres	2019
2	R	San Pedro Creek	20221011	Coliform Bacteria		2.4 Miles	2019
					Urban Runoff/Storm Sewers Nonpoint Source		
2	R	San Vicente Creek	20221012	Coliform Bacteria	Nonpoint Source	3.8 Miles	2019

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Shadow Cliffs Reservoir	20430080				
				Mercury		90 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	90 Acres	2019
					Source Unknown		
2	R	Sonoma Creek	20640050				
				Nutrients		30 Miles	2008
				TMDL will be developed as p	part of ongoing watershed management effor	t. Additional monitoring and	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		30 Miles	2006
				TMDL will be developed as peeded.	part of ongoing watershed management effor	t. Additional monitoring and	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		30 Miles	2008
				TMDL will be developed as peeded.	part of ongoing watershed management effor	t. Additional monitoring and	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
2	L	Soulajule Reservoir	20112012				
				Mercury		49 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	49 Acres	2019

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						SEFA AFFI	NOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
2	R	Stevens Creek	20550020					
				Toxicity		20	Miles	2019
					Source Unknown			
2	L	Stevens Creek Reservoir	20550031					
				Chlordane		85	Acres	2019
					Source Unknown			
				Dieldrin		85	Acres	2019
					S			
				M	Source Unknown	0.7	A	2010
				Mercury		85	Acres	2019
					Source Unknown			
				PCBs (Polychlorinated bipheny		85	Acres	2019
				(,				
					Source Unknown			
2	В	Suisun Bay	20710020					
				Chlordane		25335	Acres	2008
				This listing was made by USEF				
					Nonpoint Source			
				DDT		25335	Acres	2008
				This listing was made by USEF				
				Dieldrin	Nonpoint Source	25335	Aoros	2008
				This listing was made by USEF	24	25555	Acres	2008
				This tisting was made by OSEI	Nonpoint Source			
				Dioxin Compounds (including 2		25335	Acres	2019
				The specific compounds are 2,.	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCl , and OCDD. This listing was made by USEPA.			
				, , , , , , , , , , , _F ===	Atmospheric Deposition			
				Exotic Species		25335	Acres	2019
				-	ge pollutant availability in food chain; disrupt fo	od availabilit	y to nativ	ve species.
					D. II XX. 4			

Ballast Water

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS}$

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

					USEPA APPR	OVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA' SIZE AFFE		PROPOSED TMDL COMPLETION
			Furan Compounds		25335	Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2, 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF,			
			•	Atmospheric Deposition			
			Mercury		25335	Acres	2006
				onsumption and wildlife consumption mining; most significant ongoing s from point sources.			
				Industrial Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Nickel		25335	Acres	2019
			This listing was made by USA				
				Source Unknown			
			PCBs (Polychlorinated bipher	• '	25335		2006
			This listing covers non-dioxing concentration data.	n-like PCBs. Interim health adviso	ry for fish; uncertainty regard	ling wate	er column
				Unknown point source			
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	25335	Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	oounds are 3,4,4,5-TCB (81), 3,3,3, 2,3,4,4,5-PeCB (114), 2,3,4,4,5-Pe 4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-F	eCB (118), 2,3,4,4,5-PeCB (12	23), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source			
			Selenium		25335		2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indi ries (control program in place) and chain more susceptible to accumul ducks); low TMDL priority because	l agriculture (carried downstr ation of selenium; health con:	eam by r sumption	ivers); exotic advisory in effect
				Industrial Point Sources			
				Natural Sources			
				Exotic Species			

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
2	T	Suisun Marsh Wetlands	20723000					
				Metals		66339	Acres	2019
				Additional monitoring and a				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Nutrients		66339	Acres	2019
				Additional monitoring and a				
					Agriculture			
					Urban Runoff/Storm Sewers			
				0 17 11 17 71	Flow Regulation/Modification			2010
				Organic Enrichment/Low Dis	• 0	66339	Acres	2019
				Additional monitoring and a	Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Salinity/TDS/Chlorides	Flow Regulation/Mounication	66339	A area	2019
				Additional monitoring and a	ssessment needed	00339	ACTES	2019
				Traditional monitoring and as	Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
2	В	Tomales Bay	20114033					
		·		Mercury		8545	Acres	2010
				for multiple fish species incli	nsumption and wildlife consumption impacted ding striped bass and shark. Major source is a cant ongoing source is erosion and drainage fr	historic: gold min	ing sedi	ments and local
					Mine Tailings			
				Nutrients		8545	Acres	2019
					art of ongoing watershed management effort. ged first. Additional monitoring and assessmen Agriculture		, Lagun	itas Creek and
				Sedimentation/Siltation	8	8545	Acres	2008
					eart of ongoing watershed management effort. ged first. Additional monitoring and assessme		, Lagun	itas Creek and
					Agriculture			
					Upstream Impoundment			

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Walker Creek	20112013				
				Mercury		16 Miles	2006
				Tributary to Tomales Bay. Tomonitoring and assessment	TMDLs will be developed as part of e needed.	evolving watershed management effo	rt. Additional
					Surface Mining		
					Mine Tailings		
				Nutrients		16 Miles	2019
				Tributary to Tomales Bay. Tomonitoring and assessment	TMDLs will be developed as part of e needed.	evolving watershed management effo	rt. Additional
					Agriculture		
				Sedimentation/Siltation		16 Miles	2009
				Tributary to Tomales Bay. Tomonitoring and assessment	TMDLs will be developed as part of e needed.	evolving watershed management effo	rt. Additional
					Agriculture		

ABBREVIATIONS

REGI	ONAL WATER QUALITY CONTROL BOARDS	WATI	ER BODY TYPE
1	North Coast	$\mathbf{B} =$	Bays and Harbors
2	San Francisco Bay	C =	Coastal Shorelines/Beaches
3	Central Coast	$\mathbf{E} =$	Estuaries
4	Los Angeles	L =	Lakes/Reserviors

Central ValleyR =Rivers and StreamsLahontanS =Saline LakesColorado River BasinT =Wetlands, TidalSanta AnaW =Wetlands, Freshwater

9 San Diego

CALWATER WATERSHED

"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.

GROUP A PESTICIDES OR CHEM A

aldrin, dieldrin, chlordane, endrin, heptachlor, heptachlor epoxide, hexachlorocyclohexane (including lindane), endosulfan, and toxaphene